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(21)Application number : 05-282446 (71)Applicant : CANON INC
 (22)Date of filing : 11.11.1993 (72)Inventor : HONMA YOSHIHIRO

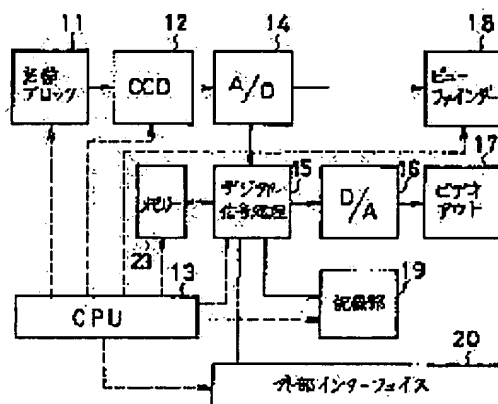
(54) IMAGE PICKUP DEVICE

(57)Abstract:

PURPOSE: To provide an image pickup device having a movie camera function compatible with both the PAL system and the NTSC system and having a high definition still camera function employing a PAL system sensor having lots of picture element numbers.

CONSTITUTION: The image pickup device is provided with a PAL system CCD 12 applying photoelectric conversion to an object image incident through an optical block 11, a digital signal processing part 15 applying various picture processing to an output of the CCD 12 to convert the signal into a picture signal, a recording section 19 recording a digital video signal onto various recording media, a video output part outputting the digital video signal to an external TV monitor, and an electronic view finder 18 displaying the output from the CCD 12 and picks up the image in the mode reading all picture elements for a long cycle and in the mode reading them for a short cycle by transferring charges in the CCD at a high speed for a blanking period of the picture signal and sweeping out undesired charges so as to segment an optional picture element area.

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